

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7257-1594:104

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**CATEGORY:** Photoelectric Smoke Detector (Single/Multiple)

**LISTEE:** Interlogix, Inc., 12345 SW Leveton Dr, Tualatin, OR 97062  
Contact: Gene Hukkanen (503) 691-7369 FAX (503) 691-7575

**DESIGN:** Models 560NS, 562NS, 562NST, \*PDBN-H, \*FST2000NS, and \*FST2000NST single station, battery-operated, photoelectric type, smoke detectors. Models 562NST, \*PDBN-H, and \*FST2000NST also employs an integral supplemental 135°F rate of rise heat sensor for use only as a supplement to the smoke detector. This thermal circuitry is not approved for use in lieu of required heat detectors. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** 3 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. For use on vertical wall or ceiling surfaces.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as single/multiple station photoelectric smoke detectors for use with any one of the following batteries: Duracell 123 3V dc lithium, Panasonic CR123A, or Sanyo CR123A. Refer to listee's Installation Instruction Manual for details.

These units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

\*Rev. 04-09-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 23, 2004**

*Listing Expires **June 30, 2005***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager